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007186

DSI 9815-011
Job Sheet 187929



Part No: DSI 9815-011

Job Qty: 15 pcs

Part Name: Replacement Receptacle



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/21/18

Job Tracking No:

Due Date: 12/31/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DSI 9815 REV.A IPP REV:A 18.12.21 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	Packaging 1 - Pick Kit	15 pcs		12/31/18	0.00	0.00	Packaging 1 - 1	DEC 21 2018
							Packaging 1 - 2	
							Packaging 1 - 3	
							Packaging 1 - 4	
							Packaging 1 - 5	
							Packaging 1 - 6	
							Packaging 1 - 7	
							Packaging 1 - 8	
							Packaging 1 - 9	
							Packaging 1 - 10	
							Packaging 1 - 11	
							Packaging 1 - 12	
							Packaging 1 - 13	
							Packaging 1 - 14	
							Packaging 1 - 15	
							Packaging 1 - 16	
							Packaging 1 - 17	
							Packaging 1 - 18	
							Packaging 1 - 19	
							Packaging 1 - 20	
							Packaging 1 - 21	
							Packaging 1 - 22	
							Packaging 1 - 23	
							Packaging 1 - 24	
							Packaging 1 - 25	
							Packaging 1 - 26	
							Packaging 1 - 27	
							Packaging 1 - 28	
							Packaging 1 - 29	
							Packaging 1 - 30	
							Packaging 1 - 31	
							Packaging 1 - 32	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Water Jet ☐ Large Fab ☐ Rec/Store/Packaging ☐ Supplier Quality ☐					
Date :		Sequence #:		OT: _____					
Description Work Order Deviation								MRB (QS1042)	
								Completed By	
								Lead hand / Supervisor	
								QC / QA Coordinator	
Root Cause									
Operator ☐		AEROSPACE PART Container No: S140514 Part: DSI 9815-011 Job No: 187929 Serial No/ Batch: S140514 Revision: A Inspector: Exp Date: Instructions: TC STC SH14-14 - Issue 2, FAA STC SRD353. Dart Aerospace Ltd. 170 Aberdeen Street, Hamilton, ON K8A 1K7 Tel.: +1 905 632-3520 Fax: +1 905 632-3520 sales@dartaerospace.com www.dartaerospace.com							
Manufacturing Process ☐									
Equip/Tooling ☐									
Handling/Presservation ☐									
Material ☐									
Product Improvement ☐									
Process Improvement ☐									
Human Factors ☐									

				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
120 QC 4	15 pcs	12/31/18	0.00 0.00	QC 4 - 26	
				QC 4 - 28	
				QC 4 - 38	
				QC 4 - 42	
				QC 4 - 58	
				QC 4 - 6	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
130 Packaging 3-1 - Stock - B4B	15 pcs	12/31/18	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
135 DC - 1 - B4B	15 pcs	12/31/18	0.00 0.00	DC - 1 - B4B	
				DC - 2 - B4B	
140 QC 21 - FG	15 pcs	12/31/18	0.00 0.00	QC 21 - FG - 21	

DAS
69
9-89

DAS
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9-89

DAS
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DAS
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9-89

Part Op 110 - (Pick Kit)
 Descriptions: 120 - (QC4- 100% Inspect kits for completeness)
 130 - Identify and pack for shipping as per PPP DSI 9815-011 Location: _____
 135 - Photocopy blue file and create labels as per PPP DSI 9815-011 chg 001
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN4-5A	Bolt	60 Ea (4 ea)	110-Packaging 1 - Pick Kit	
D5713-041	Receptacle Assembly	60 pcs (4 ea)	110-Packaging 1 - Pick Kit	

3089315X25
5140429

5089332X25

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details: _____					

MS20426AD3-5
NAS1149D0432J

Rivet
Washer

120 Ea (8 ea)
60 Ea (4 ea)

110-Packaging 1 - Pick Kit
110-Packaging 1 - Pick Kit

74533.
5113751

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN4-5A	60	152	0
	D5713-041	60	0	0
	MS20426AD3-5	120	1,747	0
	NAS1149D0432J	60	744	0

Part Specifications

Specifications could not be found.

Plex 12/21/18 9:05 AM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-822 REV. H AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-822 REV. 6 OR LATER APPROVED REVISION

REF. TCCA STC: SH14-14
REF. FAA STC: SR03538NY
REF. ANAC STC: 2014S07-11
REF. JCAB STC: STC-372-OSA/STC-371-OSA
REF. EASA STC: 10056574

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ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 187929 M65
(1812-01)

1.0 PURPOSE

The purpose of this Service Instruction is to facilitate the replacement of the QD3072-46 Receptacles that are installed on the QB21308 Assembly Screen manufactured by Pall Aerospace as part of the D350-822-011/-013 PA100 PUREair System with the DSI 9815-011 Replacement Receptacle kit. The intent of this DSI has been incorporated into D350-822-011 at CHG 005 and D350-822-013 at CHG 003.

2.0 PROCEDURE

2.1 To install the DSI 9815-011 Replacement Receptacle Kits,

- 2.1.1 Open or remove the Upper Engine Cowl per the Aircraft Maintenance Manual.
 - 2.1.2 Remove the Air Intake Seal and the entire QB21308 Assembly Screen by removing qty(22) fasteners per the Aircraft Maintenance Manual. Retain Hardware.
 - 2.1.3 Separate the FOD screen from the QB21496 Receptacle by turning the 1/4 turn fasteners and lift the FOD screen per Figure 1.
 - 2.1.4 Drill out the retaining rivets and remove qty(4) QD3072-46 Receptacles from the QB21496 Receptacle. Remove any adhesive residue.
 - 2.1.5 Position the qty(4) D5713-041 Receptacle Assy in the location shown in Figure 2. Transfer drill 2x $\varnothing 0.098$ " holes with CSK $\varnothing 0.179$ " $\angle$ 100° on the top side from the D5713-041 Receptacle Assy to the QB21496 Receptacle. Touch up holes with Alodine 1200 per MIL-C-5541.
 - 2.1.6 Mask nutplate holes and touch up the affected areas with prime and paint per ICA-D350-822.
 - 2.1.7 Install qty(4) D5713-041 Receptacle Assy with qty(2) MS20426AD3-(5) Rivets per Figure 2.
- NOTE: Although not generally necessary, it is acceptable to use longer or shorter MS20426AD3-X Rivets
- 2.1.8 Remove qty(4) 1/4 Turn Fasteners from the FOD Screen per Figure 1.
 - 2.1.9 Reinstall the FOD screen on the QB21496 Receptacle using qty(4) AN4-5A bolts and qty(4) NAS1149D0432J Washers per Figure 2. Torque bolts to 50-70 in-lb (5.6-7.9 N-m).
 - 2.1.10 Ensure the Engine Intake is clear.
 - 2.1.11 Reinstall the QB21308 Assembly Screen between the Engine Intake Duct and the Air Intake Seal using qty(22) fasteners retained at step 2.1.2 per the Aircraft Maintenance Manual.
 - 2.1.12 Reinstall the Upper Engine Cowl per the Aircraft Maintenance Manual.
 - 2.1.13 Update the Aircraft Log Book to indicate installation of the DSI 9815-011 Replacement Receptacle Kit.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: [Signature]
D. SHEPHERD (DE # 02)

DATE: 18.12.10
CERT. NO.: SH14-14
ISSUE NO.: 2

APPROVED

A	NEW ISSUE	VS	18.12.10
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	WK	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9815	SHEET 1 OF 4
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	REPLACEMENT RECEPTACLE	NTS
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2.2 To remove the FOD screen,

2.2.1 Open Upper Engine Cowl.

2.2.2 Remove qty(4) AN4-5A bolts and qty(4) NAS1149D0432J Washers per Figure 3 and remove the FOD screen.

2.3 ReInstallation of FOD screen,

2.3.1 Ensure the Engine Intake and FOD Screen are clear.

2.3.2 Install the FOD Screen with qty(4) AN4-5A bolts and qty(4) NAS1149D0432J Washers per Figure 2.

2.3.3 Close Upper Engine Cowl.

3.0 WEIGHT AND BALANCE

The installation of the DSI 9815-011 Replacement Receptacle Kit has negligible effect on Weight and Balance

4.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9815-011	REPLACEMENT RECEPTACLE KIT
4	D5713-041	RECEPTACLE ASSY
4	AN4-5A	BOLT
8	MS20426AD3-5	RIVET
4	NAS1149D0432J	WASHER

APPROVED

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MFG. APPR.	N/A	DSI 9815
APPROVED	VS	TITLE
DE APPR.	DS	REPLACEMENT RECEPTACLE
DATE	18.12.10	SCALE
NTS		
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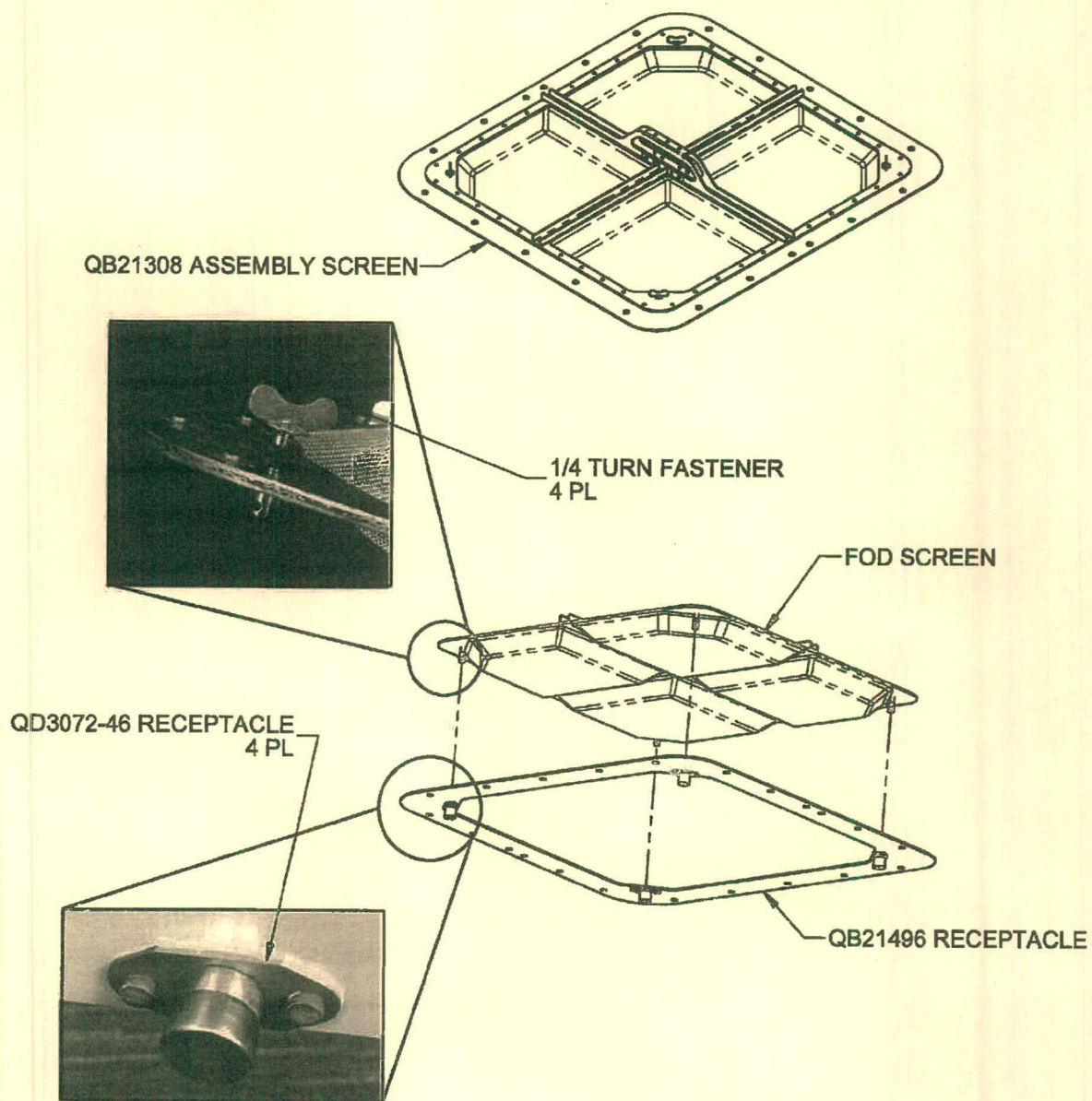


Figure 1 - QB21308 Assembly Screen

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CHECKED	WK
MFG. APPR.	N/A
APPROVED	VS
DE APPR.	DS
DATE	18.12.10

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
DSI 9815

REV. A
SHEET 3 OF 4

TITLE
REPLACEMENT RECEPTACLE NTS

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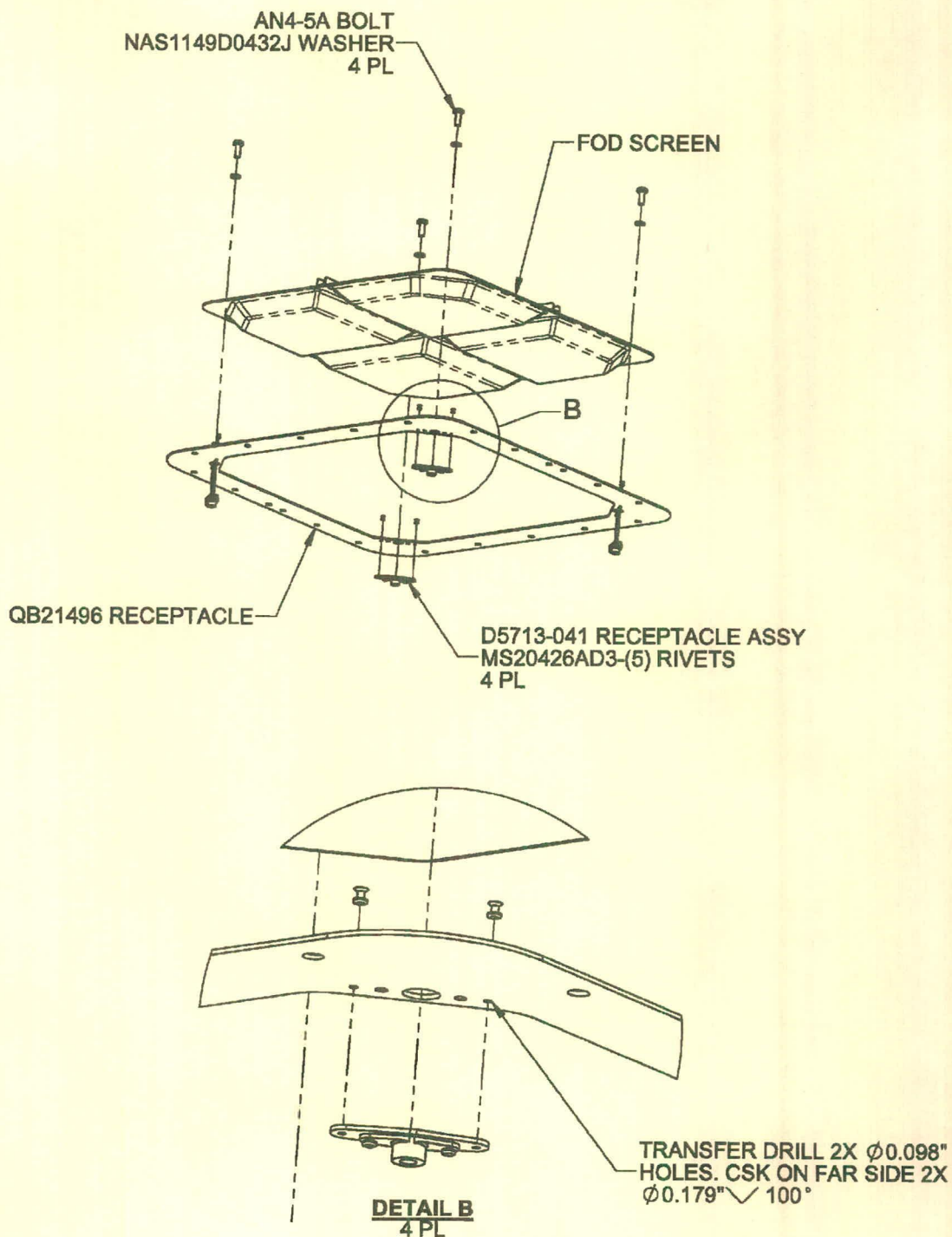


Figure 2 - DSI 9815-011 Replacement Receptacle Kit

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